

Etoposide phosphate disodium Biochemical

Etoposide phosphate disodium

CATALOG #
AAA227525

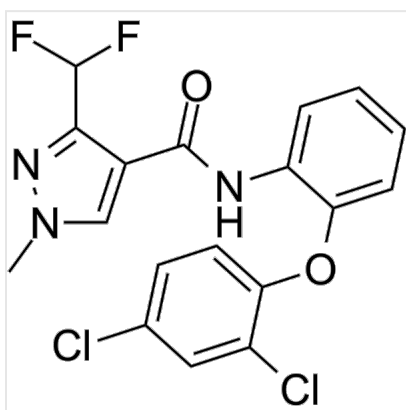
PRODUCT SYNONYMS

Etoposide phosphate disodium; Etoposide phosphate disodium biochemical

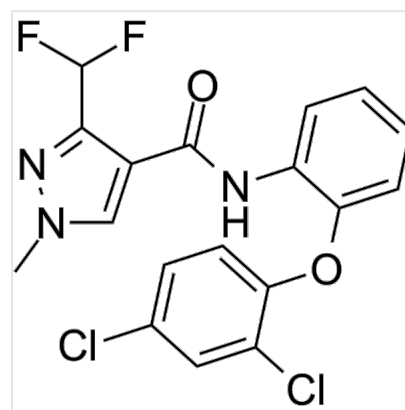
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	122405-33-8
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Etoposide phosphate (intravenous injection; 50, 100, or 150 mg/kg; single dose) has clinical symptomology of progressive ataxia, impaired righting reflex, and splaying and paresis of fore- and hindlimbs at day 8 in female CD-1 mice[3]. Animal Model: Female CD-1 mice[3]. Dosage: 50, 100, or 150 mg/kg. Administration: Intravenous injection; single dose. Result: Observed degeneration of dorsal root ganglion cells and axonal degeneration of their distal and proximal processes in peripheral nerves, dorsal spinal roots, and dorsal funiculi of the spinal cord at all doses under light microscopy (LM).
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Y12196, CAS 1671025-91-4



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ADDITIONAL INFORMATION

Related Product Information for Etoposide phosphate disodium biochemical	Etoposide phosphate disodium (BMY-40481 disodium) is a potent anti-cancer chemotherapy agent and a selective topoisomerase II inhibitor to prevent re-ligation of DNA strands. Etoposide phosphate disodium is the phosphate ester prodrug of etoposide and is considered as active equivalent to Etoposide. Etoposide phosphate disodium induces cell cycle arrest, apoptosis, and autophagy.
References	1. Chen W, et al. Point Mutations in FgSdhC2 or in the 5' Untranslated Region of FgSdhC1 Confer Resistance to a Novel Succinate Dehydrogenase Inhibitor Flubeneteram in Fusarium graminearum. J Agric Food Chem. 2021 Nov 10;69(44):13006-13019.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/biochemical/etoposide-phosphate-disodium/227525>